


Serial No.: 09/889,230

IN THE CLAIMS:

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1. (Currently Amended) An optical disk reproducing device for reproducing a disk-shaped recording medium on which a recording is has been made with a constant linear velocity, comprising:

 constant angular velocity (CAV) means for controlling characterized in that control of a spindle motor is accomplished by CAV control during a process from a start of spin-up processing of such a disk-shaped recording medium to a read standby state.

2. (Currently Amended) The optical disk reproducing device according to claim 1, wherein said CAV means for controlling a spindle motor control of said spindle motor is accomplished by CAV control is for controlling the spindle motor during a control processing when said a disk-shaped recording medium rotates at a low speed.

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3. (Currently Amended) A method of spin-up processing employed in for reproducing a disk-shaped recording medium on which a recording is has been made, ~~in which control of the~~ method comprising:

controlling a spindle motor is accomplished by constant angular velocity (CAV) control during a process from the start of the spin-up processing to a read standby state, said method comprising the steps of:

setting the spindle motor to be driven under the CAV control;

performing servo adjustment and then acquiring a LEAD-IN final address;

conducting constant linear velocity (CLV) measurement and then setting an angular velocity of a disk-shaped recording medium to be slower than a maximum rotational speed to perform a predetermined processing; and

performing HOLD TRACK.

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4. (Currently Amended) The method of spin-up processing according to claim 3, wherein said setting angular velocity of a disk-shaped recording medium to be slower than a maximum rotational speed ~~is a~~ comprises setting angular velocity to be half of the maximum rotational speed.

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